

FORM PTO-1390 (Modified) (REV 11-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				K T0215	
				U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <b>09/673202</b>	
INTERNATIONAL APPLICATION NO. <b>PCT/JP00/01123</b>		INTERNATIONAL FILING DATE <b>25 February 2000 (25.02.00)</b>		PRIORITY DATE CLAIMED <b>26 February 1999 (26.02.99)</b>	
TITLE OF INVENTION <b>CURVE GENERATING APPARATUS AND CURVE GENERATING METHOD, AND PROGRAM RECORDING MEDIUM</b>					
APPLICANT(S) FOR DO/EO/US <b>SHIMADA, Shigehiro; TSUKAMOTO, Junichi; and TOTSUKA, Takashi</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"><li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li><li>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li><li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2))<ol style="list-style-type: none"><li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li><li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li><li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li></ol></li><li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). w/Verification of Translation.</li><li>7. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li><li>8. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))<ol style="list-style-type: none"><li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li><li>b. <input checked="" type="checkbox"/> have been transmitted by the International Bureau.</li><li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li><li>d. <input type="checkbox"/> have not been made and will not be made.</li></ol></li><li>9. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li><li>10. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (unsigned)</li><li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li><li>12. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li></ol>					
Items 13 to 20 below concern document(s) or information included:					
<ol style="list-style-type: none"><li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. w/Form 1449 and cited prior art refs.</li><li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li><li>15. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li><li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li><li>17. <input type="checkbox"/> A substitute specification.</li><li>18. <input type="checkbox"/> A change of power of attorney and/or address letter.</li><li>19. <input checked="" type="checkbox"/> Certificate of Mailing by Express Mail</li><li>20. <input checked="" type="checkbox"/> Other items or information:<ol style="list-style-type: none"><li>a.) Forms PCT/IB/301, 304 and 308;</li><li>b.) Front page of published application No. WO00/51079 as published on August 31, 2000;</li><li>c.) Certified translation of Japanese priority patent application No. P11-051867 filed on February 26, 1999;</li><li>d.) PCT Easy Request;</li></ol></li></ol>					

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <b>09/673252</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP00/01123</b>		ATTORNEY'S DOCKET NUMBER <b>KOIK-T0215</b>	
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21. The following fees are submitted: <b>BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)) :</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$970.00</b> <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$860.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$690.00</b> <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$670.00</b> <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$96.00</b> <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>				<b>CALCULATIONS PTO USE ONLY</b>  <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;">\$0.00</div>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	11 - 20 =	0	x \$18.00	\$0.00	
Independent claims	3 - 3 =	0	x \$78.00	\$0.00	
Multiple Dependent Claims (check if applicable). <input type="checkbox"/>				\$0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$860.00</b>	
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). <input type="checkbox"/>				\$0.00	
<b>SUBTOTAL =</b>				<b>\$860.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$0.00	
<b>TOTAL NATIONAL FEE =</b>				<b>\$860.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>				\$0.00	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$860.00</b>	
				Amount to be:	\$
				refunded	\$
				charged	\$

  

☒ A check in the amount of **\$860.00** to cover the above fees is enclosed.  
  
☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.  
 A duplicate copy of this sheet is enclosed.  
  
☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **12-1420** A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Charles P. Sammut, Esq.  
 Limbach & Limbach L.L.P.  
 2001 Ferry Building  
 San Francisco, CA 94111  
 (415) 433-4150

SIGNATURE  
**Mayumi Maeda**  
 NAME  
**40, 075**  
 REGISTRATION NUMBER  
**October 12, 2000**  
 DATE

09/673202  
422 Rec'd PCT/PTO 12 OCT 2000

PATENT

PATENT COOPERATION TREATY  
UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

In re U.S. Nat'l Phase Appln. of:	)	
	)	
SHIGEHIRO SHIMADA ET AL.	)	
	)	
Based Upon International	)	CERTIFICATION
Application No. PCT/JP00/01123	)	UNDER
Int'l Filing Date: February 25, 2000)	)	<u>37 CFR §1.10</u>
	)	
Serial No. Not Assigned	)	
	)	
Filed: Herewith	)	
	)	
For: CURVE GENERATING APPARATUS AND	)	
CURVE GENERATING METHOD, AND	)	
PROGRAM RECORDING MEDIUM	)	
	)	

Attn: Designated/Elected Office (DO/EO/US)  
Assistant Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

Dear Sir:

I hereby certify that this Application for entering the national phase of the above-identified International Application and the documents referred to as enclosed herein are being deposited with the United States Postal Service on this date, **October 12, 2000**, in an envelope bearing "Express Mail Post Office to Addressee" Mailing Label Number **EL254113553US** addressed to: Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231-0001, Attention U.S. Designated/Elected Office (DO/EO/US).

Enclosed are:

1. Transmittal Letter to the U.S. Designated/Elected Office, in duplicate;
2. Verified translation of International Application No. PCT/JP00/01123 as filed February 25, 2000, including Specification, Claims and Abstract;
3. PCT Request Form-EASY;
4. Combined Declaration/Power of Attorney/Claim of Priority (unsigned);

5. Thirty-one (31) Sheets of Formal Drawings comprising Figures 1 through 37B;
6. Copies of Forms PCT/IB/301, 304, and 308;
7. International Search Report;
8. English Translation of Japanese Priority patent application No. P11-051867 filed on February 26, 1999;
9. Information Disclosure Statement with Form 1449 and cited prior art references;
10. Front cover page of International Application published on August 31, 2000 as Publication No. WO00/51079;
11. Check in the amount of \$860.00;
12. Acknowledgement Postcard.

Dated: October 12, 2000

  
SUSAN OZANNE

LIMBACH & LIMBACH L.L.P.  
2001 Ferry Building  
San Francisco, California 94111  
Telephone: (415) 433-4150

Attorney Docket No. KOIK-T0215

09/673202

422 Rec'd PCT/PTO 12 OCT 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT :  
APPLICATION No. :  
FILING DATE :  
TITLE :

Group Art Unit :  
Examiner :

Hon. Commissioner of Patents and Trademarks,  
Washington, D.C. 20231

SIR:

CERTIFIED TRANSLATION

I, Reiko Nashimoto, am an official translator of the Japanese language into the English language and I hereby certify that the attached comprises an accurate translation into English of Japanese Application No. 11-051867, filed on February 26, 1999.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

September 26, 2000

Date

Reiko Nashimoto

Reiko Nashimoto

09/673202  
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Patent Office  
Japanese Government

This is to certify that the annexed is a true copy of the following application as filed with this Office.

Date of Application: February 26, 1999

Application Number: Patent Application  
Ser. No. 11-051867

Applicant: Sony Corporation

December 10, 1999

Commissioner,  
Patent Office Takahiko Kondo

09/673202

422 Rec'd PCT/PTO 12 OCT 2000

[Document Name]	Patent Application
[Reference Number]	9900122903
[Filing Date]	February 26, 1999
[To]	Hon. Commissioner, Patent Office
[IPC]	H04N 5/275
[Inventor]	
[Address]	c/o Sony Corporation 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, Japan
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[Patent Applicant]	
[Identification Number]	000002185
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[Patent Attorney]	
[Name]	Akira Koike
[Patent Attorney]	
[Identification Number]	100086335

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[Patent Attorney]

[Name] Eiichi Tamura

[Patent Attorney]

[Identification Number] 100096677

[Patent Attorney]

[Name] Seiji Iga

[Indication of Charge]

[Number of Prepaid Ledger] 019530

[Amount] 21,000 yen

[List of Document]

[Document] Specification 1

[Document] Drawing 1

[Document] Summary 1

[General Power of Attorney Number] 9707387

[Need of Proof] Yes



09/673202

422 Rec'd PCT/PTO 12 OCT 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re International Application of

International Serial No. PCT/JP00/01123  
International filing date: February 25, 2000  
For: Curve Generating Apparatus and Curve Generating Method,  
and Program Recording Medium

VERIFICATION OF TRANSLATION

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231  
Sir:

Kouchi Takasaki, a member of A.KOIKE & CO., of 11-Mori  
Bldg., 6-4, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 Japan,  
declares:

(1) that he knows well both the Japanese and English  
languages;

(2) that he translated the above-identified International  
Application from Japanese to English;

(3) that the attached English translation is a true and  
correct translation of the above-identified International  
application to the best of his knowledge and belief; and

(4) that all statements made of his own knowledge are  
true and that all statements made on information and belief are  
believed to be true, and further that these statements are made  
with the knowledge that willful false statements and the like are  
punishable by fine or imprisonment, or both, under 18USC 1001,  
and that such false statements may jeopardize the validity of the  
application or any patent issuing thereon.

6th October 2000  
Date

Kouchi Takasaki  
Kouchi Takasaki